

HIV/AIDS Surveillance Quarterly Report



Hawai'i Department of Health

Cases to June 30, 2002

AIDS Data: As of June 30, 2002, a cumulative total of 2,643 AIDS cases have been reported to the HIV/AIDS Surveillance Program, Department of Health. Of these, 1,503 (57%) are known dead. A total of 154 cases have been reported since July 2001 (one-year period), of which 70 cases are in Honolulu County, 41 in Hawaii County, 28 in Maui County, and 15 in Kauai County. AIDS data are detailed on pages 2-4.

HIV Data: Since the first HIV case (non-AIDS) was reported in September 2001, a cumulative total of 420 of HIV cases have been reported to the Department of Health. HIV data at this time are incomplete so details are not yet available.

IDU-Related AIDS Cases in Hawaii, 1983-June 2002

A person sharing used syringes is at high risk for HIV infection. This behavior places not only the individuals sharing at risk but also on his/her sexual partners and the children, who are born to injection drug using mothers or mothers having injection drug user partners.

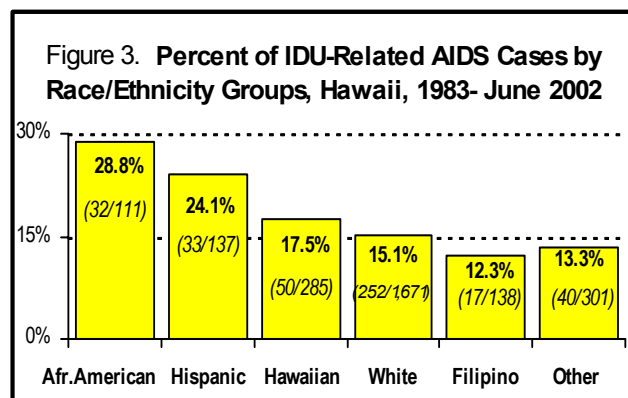
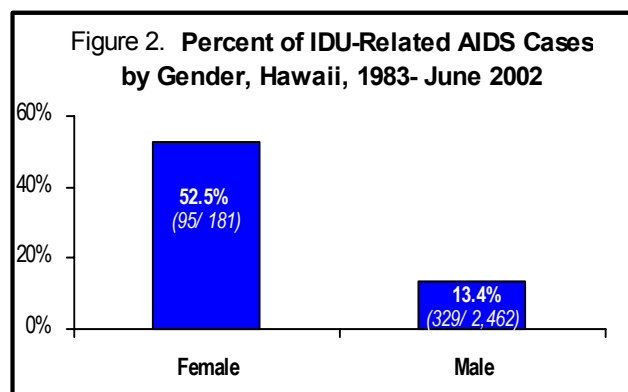
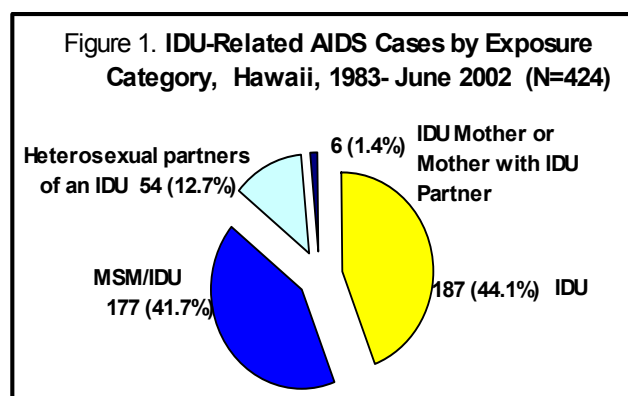
As of June 30, 2002, a cumulative total of 424 AIDS cases related to injection drug user (IDU) have been reported in Hawaii, which accounts for 16% of total Hawaii AIDS cases. Of these, 187 are IDU, 177 are men who have sex with men and inject drugs (MSM/IDU), 54 are heterosexual and 6 are IDU mothers or mothers with IDU partners (Figure 1).

Of 424 IDU-related AIDS cases, 329 are males and 95 females. IDU-related AIDS cases account for 52.5% of cumulative female AIDS cases (Figure 2), and for 13.4% of cumulative male AIDS cases.

Almost half (208, 49.1%) of IDU-related cases are diagnosed with AIDS at ages 30-39, followed by 122 cases (28.8%) at ages 40-49, 65 cases (15.3%) at ages 20-29, 23 cases (5.4%) at ages over 49 and 6 cases (1.4%) at ages under 20.

IDU-related AIDS accounts for 28.8% of cumulative AIDS cases among African Americans (Figure 3), followed by 24.1% among Hispanics, 17.5% among Hawaiians, 15.1% among Whites, 12.3% among Filipinos, and 13.3% among other (other Asian and Pacific Islanders and American Indians).

Most of IDU-related AIDS are reported in Honolulu County (67.3%, 282 cases), followed by Hawaii County (19.3%, 81 cases), Maui County (10.0%, 42 cases) and Kauai County (3.3%, 14 cases).



Hawaii AIDS Cases, Reported through June 30, 2002

Year of Report	1983-1996	1997	1998	1999	2000	2001	2002	TOTAL
Cases by Year of Report	1,980	98	164	103	109	127	62	2,643
Rate per 100,000 Population *	N/A	8.2	13.8	8.7	9.0	10.5	N/A	N/A

Demographics/Risk	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
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SEX	Male	1,871	(94)	87	(89)	147	(90)	95	(92)	94	(86)	112	(88)	56	(90)	2,462	(93)
	Female	109	(6)	11	(11)	17	(10)	8	(8)	15	(14)	15	(12)	6	(10)	181	(7)

AGE	<13	14	(1)	0	(0)	1	(1)	0	(0)	1	(1)	0	(0)	0	(0)	16	(<1)
	13-19	5	(<1)	1	(1)	1	(1)	0	(0)	1	(1)	0	(0)	0	(0)	8	(<1)
	20-29	283	(14)	5	(5)	13	(8)	5	(5)	8	(7)	11	(9)	2	(3)	327	(12)
	30-39	875	(44)	44	(45)	80	(49)	44	(43)	36	(33)	54	(43)	26	(42)	1,159	(44)
	40-49	591	(30)	30	(31)	48	(29)	39	(38)	42	(39)	37	(29)	22	(35)	809	(31)
	>49	212	(11)	18	(18)	21	(13)	15	(15)	21	(19)	25	(20)	12	(19)	324	(12)

RACE	Caucasian	1,288	(65)	46	(47)	98	(60)	64	(62)	61	(56)	80	(63)	34	(55)	1,671	(63)
	Asian/Pacific Islander	508	(26)	43	(44)	41	(25)	27	(26)	39	(36)	34	(27)	21	(34)	713	(27)
	African-American	81	(4)	3	(3)	9	(5)	7	(7)	4	(4)	3	(2)	3	(5)	110	(4)
	Hispanic	95	(5)	6	(6)	13	(8)	5	(5)	5	(5)	9	(7)	4	(6)	137	(5)
	American Indian/Alaskan	8	(<1)	0	(0)	3	(2)	0	(0)	0	(0)	1	(1)	0	(0)	12	(<1)

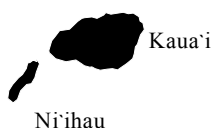
RISK	Male to Male Sex	1,543	(78)	67	(68)	117	(71)	71	(69)	69	(63)	84	(66)	40	(65)	1,991	(75)
	Injection Drug Use	128	(6)	10	(10)	21	(13)	6	(6)	8	(7)	9	(7)	6	(10)	188	(7)
	Male/Male Sex & IDU	148	(7)	5	(5)	5	(3)	8	(8)	4	(4)	2	(2)	3	(5)	175	(7)
	Female Heterosexual	57	(3)	8	(8)	8	(5)	3	(3)	8	(7)	5	(4)	2	(3)	91	(3)
	Male Heterosexual	26	(1)	3	(3)	4	(2)	5	(5)	3	(3)	4	(3)	2	(3)	47	(2)
	Transfusion	19	(1)	2	(2)	2	(1)	1	(1)	0	(0)	0	(0)	3	(5)	27	(1)
	Perinatal	11	(<1)	0	(0)	1	(1)	0	(0)	1	(1)	0	(0)	0	(0)	13	(<1)
	Hemophiliac	17	(<1)	1	(1)	1	(1)	0	(0)	0	(0)	1	(1)	0	(1)	20	(<1)
	Undetermined	31	(2)	2	(2)	5	(3)	9	(9)	16	(15)	22	(17)	6	(10)	91	(3)

Each year's estimated population from The State of Hawaii Data Book 1999, <http://www.hawaii.gov/dbedt/> and U.S.Census, <http://www.census.gov/population/cen2000>.

AIDS Surveillance Program, 3627 Kilauea Avenue Room 306, Honolulu, Hawaii 96816, (808) 733-9010, 733-9015 (Fax)
Http://www.state.hi.us/doh/resource/comm_dis/std_aids/aids_rep/

County Report Cumulative Cases (1983- June 30, 2002)

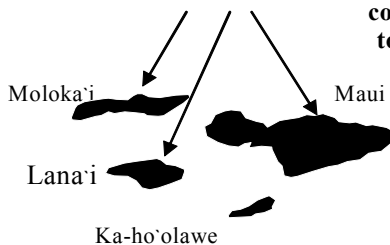
Kaua'i County
119 cases (5%)



Honolulu County
1,889 cases (71%)



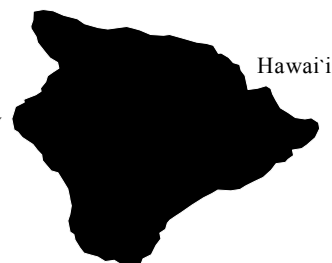
Maui County
273 cases (10%)



**Five year rate of AIDS cases
per 100,000 population by
county*, reported from 07/1997
to 06/2002.**

Honolulu Co.	47.6
Hawai'i Co.	57.8
Maui Co.	71.0
Kaua'i Co.	56.4
Statewide	51.8

Hawai'i County
362 cases (14%)



This map indicates the number of diagnosed AIDS cases reported to the Department of Health through June 30, 2002. These numbers do not reflect those diagnosed in other states who are now living in Hawai'i or individuals who are HIV-infected but not yet diagnosed with AIDS.

*2000 population, U.S. Census

Cumulative Hawai'i AIDS cases reported 1983 to June 30, 2002 2,643	Known Deaths 1,503(56.9%)
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County		Honolulu Co.		Hawai'i Co.		Maui Co.		Kaua'i Co		Statewide											
		5-Year	Cum.Total	5-Year	Cum.Total	5-Year	Cum.Total	5-Year	Cum.Total	5-Year	Cum.Total										
		No.	(%)	N	(%)	No.	(%)	No.	(%)	N	(%)	N	(%)	No.	(%)	No.	(%)				
SEX	Male	379	(91)	1,770	(94)	68	(79)	322	(89)	84	(92)	259	(95)	30	(91)	111	(93)	561	(89)	2,462	(93)
	Female	38	(9)	119	(6)	18	(21)	40	(11)	7	(8)	14	(5)	3	(9)	8	(7)	66	(11)	181	(7)

RISK	Male to Male Sex	280	(67)	1,443	(76)	47	(55)	242	(67)	72	(79)	213	(78)	23	(70)	92	(77)	422	(67)	1,990	(75)
	Injection Drug Use	36	(9)	126	(7)	10	(12)	39	(11)	5	(5)	13	(5)	4	(12)	9	(8)	55	(9)	187	(7)
	Male/Male Sex & IDU	21	(5)	120	(6)	4	(5)	29	(8)	2	(2)	24	(9)	1	(3)	4	(3)	28	(4)	177	(7)
	Heterosexual Contact	32	(8)	90	(5)	13	(15)	30	(8)	4	(4)	11	(4)	1	(3)	7	(6)	50	(8)	138	(5)
	Transfusion	5	(1)	21	(1)	2	(2)	3	(1)	1	(1)	1	(<1)	0	(0)	2	(2)	8	(1)	27	(1)
	Perinatal	2	(<1)	11	(1)	0	(0)	2	(1)	0	(0)	0	(0)	0	(0)	0	(0)	2	(<1)	13	(<1)
	Hemophiliac	2	(<1)	14	(1)	0	(0)	4	(1)	0	(0)	2	(1)	0	(0)	0	(0)	2	(<1)	20	(<1)
	Undetermined	39	(9)	64	(3)	10	(12)	13	(4)	7	(8)	9	(3)	4	(12)	5	(4)	60	(10)	91	(3)
Total Cases		417		1,889		86		362		91		273		33		119		627		2,643	

07/1997- 06/2002 N and (%)	417 (67)	86 (14)	91 (15)	33 (5)	627 (100)
Cumulative cases and (%)	1,889 (71)	362 (14)	273 (10)	119 (5)	2,643 (100)
2000 population (%)	(72)	(12)	(11)	(5)	1,211,537 (100)

AIDS Cases by Race/Ethnicity

Reported from June 1997 to July 2002

Race/Ethnicity	Caucasian No. (%)	African American No. (%)	Hispanic No. (%)	American Indian No. (%)	Hawaiian/Pt. Haw. No. (%)	Filipino No. (%)	Chinese No. (%)	Japanese No. (%)	Other A/PIs No. (%)	Total No. (%)
5-year average annual rate per 100,000 ¹	15.2	16.2	9.4	N/A	10.7	5.1	4.1	2.3	1.9	10.4

5 Year Cases (%)	362 (58)	27 (4)	41 (7)	4 (<1)	74 (12)	43 (7)	14 (2)	28 (4)	34 (5)	627 (100)
Cumulative Cases (%)	1,671(63)	111 (4)	137 (5)	12 (<1)	285 (11)	138 (5)	57 (2)	118 (4)	114 (4)	2,643(100)

S E V	Male	335 (93)	22 (82)	35 (85)	4 (100)	64 (86)	35 (81)	13 (93)	26 (93)	27 (79)	561 (89)
	Female	27 (7)	5 (18)	6 (15)	0 (0)	10 (14)	8 (19)	1 (7)	2 (7)	7 (21)	66 (11)
R I S K	Male to Male Sex	258 (71)	11 (41)	25 (61)	3 (75)	50 (68)	28 (65)	10 (71)	19 (68)	18 (53)	422 (67)
	Injection Drug Use	29 (8)	7 (26)	6 (15)	0 (0)	3 (4)	2 (5)	2 (14)	1 (4)	5 (15)	55 (9)
	Male/Male Sex & IDU	19 (5)	1 (4)	1 (2)	1 (25)	3 (4)	1 (2)	0 (0)	2 (7)	0 (0)	28 (4)
	Heterosexual	17 (5)	4 (15)	6 (15)	0 (0)	7 (9)	6 (14)	2 (14)	2 (7)	6 (18)	50 (8)
	Transfusion	4 (1)	0 (0)	0 (0)	0 (0)	2 (3)	1 (2)	0 (0)	0 (0)	1 (3)	8 (1)
	Perinatal	1 (0)	0 (0)	0 (0)	0 (0)	1 (1)	0 (0)	0 (0)	0 (0)	0 (0)	2 (<1)
	Hemophiliac	2 (1)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	2 (<1)
	Undetermined	32 (9)	4 (15)	3 (7)	0 (0)	8 (11)	5 (12)	0 (0)	4 (14)	4 (12)	60 (10)
5-Year Cases		362 (100)	27 (100)	41 (100)	4 (100)	74 (100)	43 (100)	14(100)	28 (100)	34 (100)	627 (100)

¹ 2000 and 1990 population, U.S. Census

Reporting Requirement. AIDS case reporting is required by Hawai'i Revised Statutes (HRS) §325-2 and Hawaii new Administrative Rules §11-156-3 for low CD4 values (<200 μ l/ml or <14% of total lymphocytes). Reporting by name is required at the time a person is diagnosed with AIDS as defined by the Centers for Disease Control and Prevention (revised in January 1993). HIV case reporting by Unnamed Test Code (UTC) is required by Hawaii Administrative Rules §11-156-8.8 & 8.9., which took effect on August 27, 2001. Information is collected for the advancement of epidemiologic knowledge and handled in strictest confidence in accordance with HRS §325-101. Names and other identifiers are not released. Those required to report include physicians, nurses, infection control practitioners, medical directors, and hospitals.

Questions regarding forms, reporting requirements, or this report may be directed to the AIDS Surveillance Program at (808) 733-9010, (808) 733-9015 (fax), or qsandy@lava.net (e-mail).